Product(s):	Fabius GS
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Pages:	5

Subject: FABIUS GS - NEW SW VERSION 1.35

Effective February 10, 2003, all new Fabius GS units will be shipped with SW version 1.35. The new SW allows Fabius GS to "speak" a huge number of additional languages, and provides new features that were launched in the US market with SW version 1.3x.

An upgrade kit for the new SW is available free of charge. The kit includes new hardware (ventilator cover with 8mbar relief valve / silicone ventilator hose), and the new SW. The following upgrade kits have been released:

Language	Part #	DMI Internal Part #
Swedish	4199838	4118161-012
Romanian	4199839	4118161-011
Hungarian	4199840	4118161-010
Canadian (US English)	4199841	4118161-009
Polish	4199842	4118161-008
Russian	4199843	4118161-007
Italian	4199844	4118161-006
Dutch	4199845	4118161-005
Spanish	4199846	4118161-004
German	4199847	4118161-003
French	4199848	4118161-002
British (UK English)	4199849	4118161-001

KEY FEATURES OF SW 1.35

Threshold Low Alarm

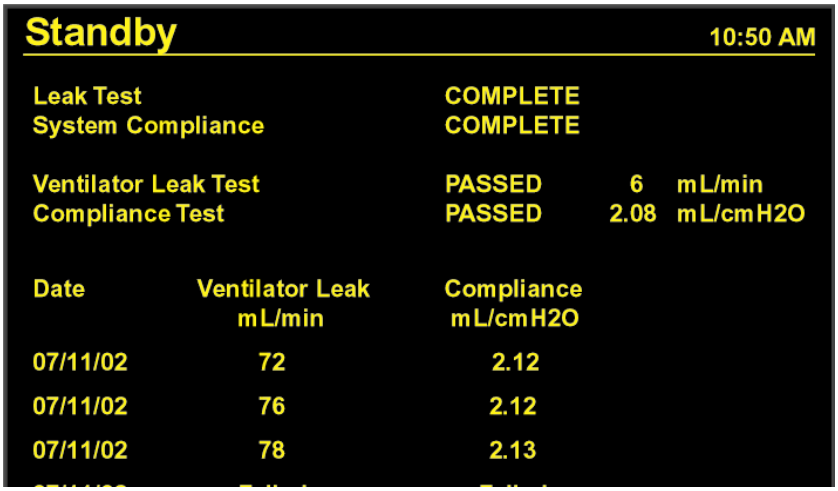
- A Service Menu allows this alarm to be enabled or disabled
- The Factory Default will be Disabled.

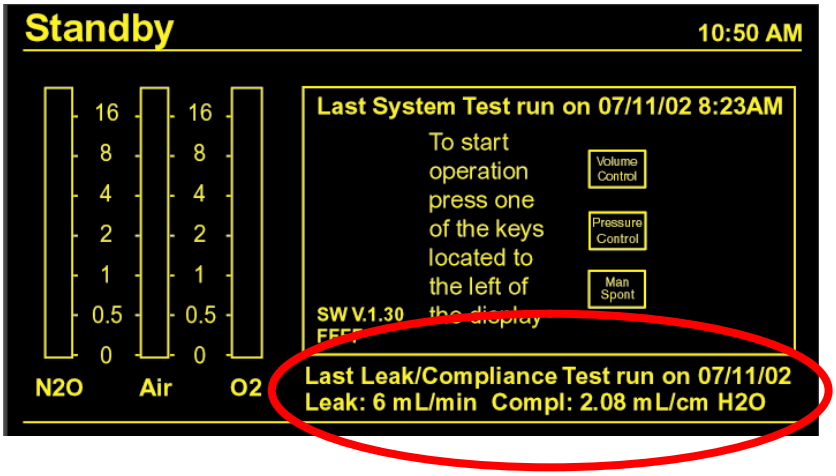
Vitalink Communication Protocol

- Data is imported into the Fabius GS in order to get gas analysis information from other devices (e.g. Vamos).
- Expiratory flow and airway pressure waveforms are exported.

Leak/Compliance Test

- The leak test is substantially more intuitive, user friendly and more accurate.
- The determination of hose compliances is done during the leak test.
- Test results are displayed in the test screen and in the standby mode main screen.





Compliance Compensation

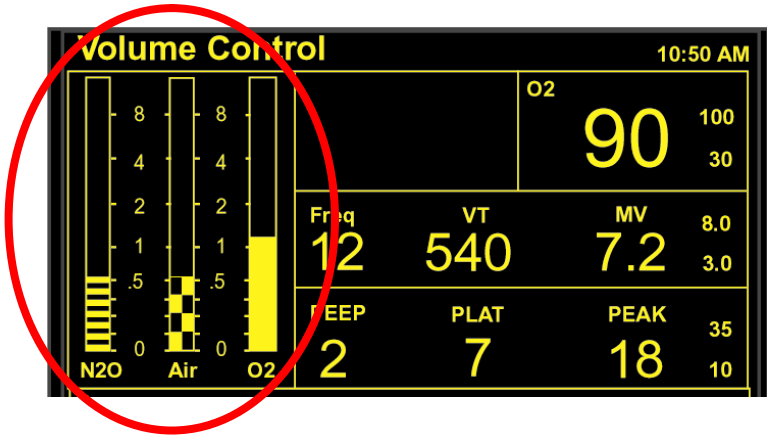
- Hose compliance compensation is done on a breath-by-breath basis.
- Volume is added to the dialed-in Vt in volume control so that the tidal volume delivered to the patient is equal to the Vt set.
- Monitored breaths are corrected so that only the volume delivered to the patient is displayed.

Linked Ventilator Settings

- This feature allows the operator to make a “bumpless” transfer from Volume Control to Pressure Control and vice versa.
- Settings and monitored data from the last active automatic mode are saved in the presets for the other automatic mode.
- Presets for Volume Control and Pressure Control can be made separately only while in Standby.
- Site defaults for Volume Control and Pressure Control can still be made separately.

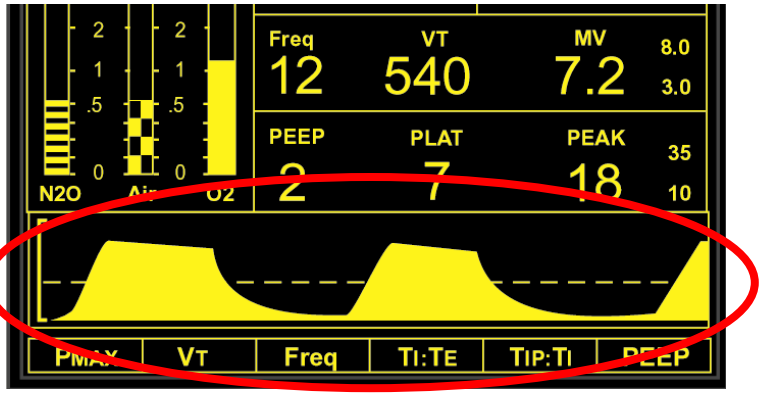
High Resolution Fresh Gas Measurement

- A Service Menu item allows this feature to be enabled or disabled.
- The Factory Default will be Disabled.
- When this feature is enabled, the flow displays will switch automatically between standard and high resolutions based on the measured flow rate.
- The highest individual gas flow determines the resolution used for all gases.
- The standard virtual flow tubes are the same as in SW 1.20.
- The high resolution flow tubes have a range of 0 to 10 L/min with a significant portion of the tubes allocated to a low flow range.
- The standard LED displays are the same as in 1.20.
- The high resolution LED displays have a range of 0.00 to 9.99 L/min



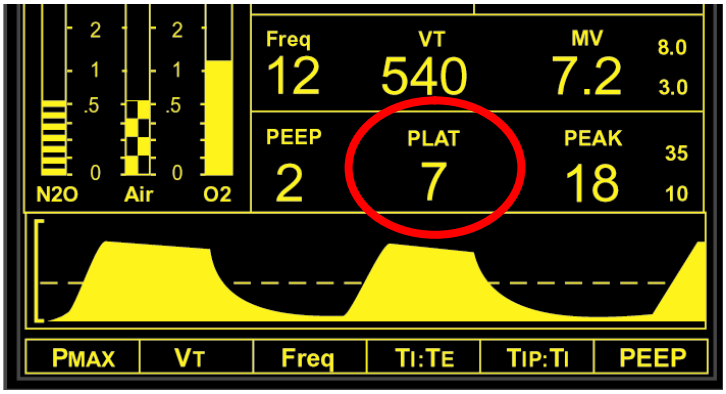
Filled Pressure Wave Form

- A Standby menu item allows this feature to be enabled or disabled.
- The Factory Default will be Enabled.
- When enabled, the real time pressure is displayed using a solid pattern to fill in the shape of the pressure curve.



Plateau Pressure Display

- A Service Menu item allows this feature to be enabled or disabled.
- The Factory Default will be Enabled.
- When enabled, the plateau pressure is displayed instead of the mean pressure.



Automatic Desflurane Compensation

- Gas analysis data provided by an external device is used by the Fabius GS to automatically compensate for Desflurane.
- The operation of this feature will be transparent to the operator.
- Operator-activated compensation is still available but has no effect while gas analysis data is available.

No Fresh Gas

- A Service Menu item allows this alarm to be enabled or disabled
- The Factory Default will be Enabled.
- A new high priority alarm, "NO FRESH GAS" is displayed when no fresh gas is detected during any ventilation mode.

Display Brightness

- The brightness of the display has been increased substantially.

If you have any questions regarding this bulletin, please contact Jens Boy at ext. 2271 or boyj@draegermed.com.